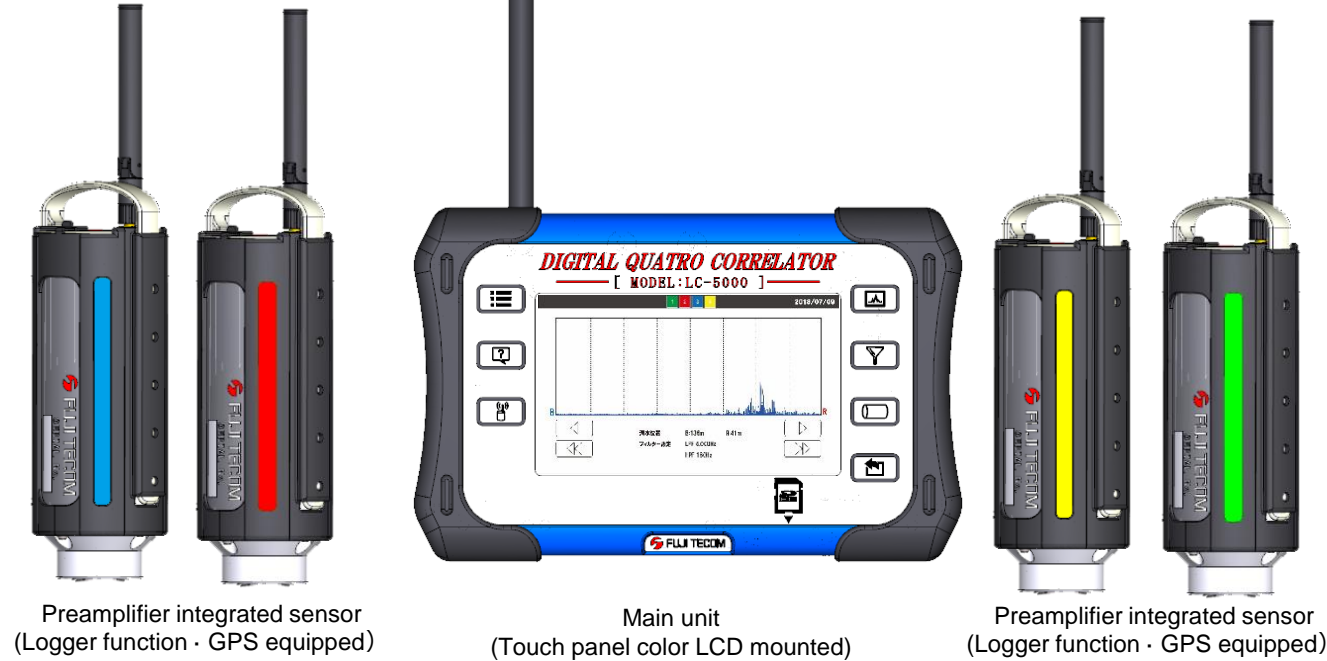


Subsurface Leak Digital Quatro Correlator Model: LC-5000

Next generation type correlator
Release schedule February
2020

Digital 4-point Real Time Correlation Type equipped with GPS



Preamplifier integrated sensor
(Logger function · GPS equipped)

Main unit
(Touch panel color LCD mounted)

Preamplifier integrated sensor
(Logger function · GPS equipped)

■ Product Specifications

Main Unit

External Dimensions : Approximately 295 mm (W) x 175 mm (H) x 70 mm (D)
(Antenna is not included)

Power source : Rechargeable lithium ion battery

Preamplifier integrated sensor

External dimensions : Φ 78 mm (maximum) x 185 mm (H) (Excluding some protrusions such as antenna)

Power source : Rechargeable lithium ion battery

■ Key Feature

- Improved workability by integrated pre-amplifier sensor
 - Simultaneous correlation of up to 6 routes is possible using 4 sensors.
 - Capable of survey in a condition with putting a lid on, installed in a fire hydrant or a valve housing
 - Equipped with extension cable for which antenna can be installed near the ground when installing in a deep place
 - Stable radio communication
 - Capable for long distance survey by radio relay function.
 - Logger function is installed and record water leakage sound by a timer at a place where there are many cars on the day and survey at midnight etc. and possible of correlation calculation later on.
 - GPS is equipped and acquire the position information of installation place.
 - Compact and light weight
- Improvement of the correlation function
 - Highly accurate correlation calculation with quadrupling of conventional correlation score
 - Perform correlation calculation from saved recording data
 - Recalculate by changing piping information of acquired data
- Various optional sensor
 - "Tube wall type sensor" can be used even in a narrow situation where preamplifier integrated sensor does not enter
 - Fire hydrant installation type "Hydrophone sensor" corresponding to leakage of resin pipe
 - "Insert type large diameter sensor" corresponding to large diameter pipe leakage
- Digital radio adoption
 - Compatible with Radio act (Standard Number: ARIB STD-T108) *In Japan
 - Possible to use with confidence after December 2022 *In Japan
 - Preamplifier setting away from Main unit can be changed